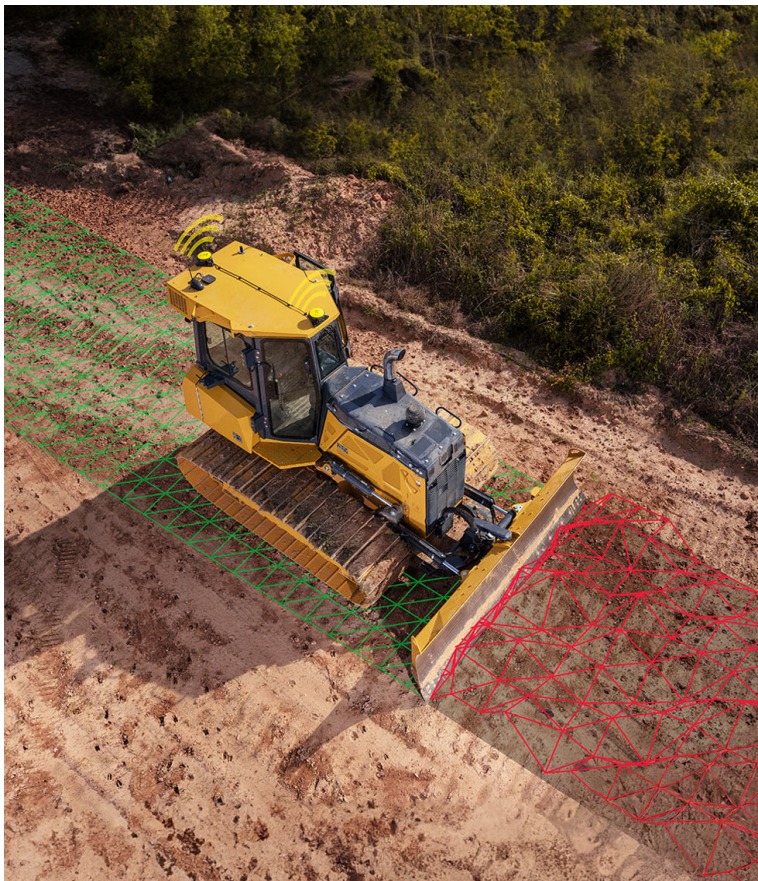


SUPERIOR IS YOUR

**JOBSITE
TECHNOLOGY
SOLUTION!**



**SOUTHINGTON • NORWICH • EAST HARTFORD
DANBURY • BRIDGEPORT • NEW! SEYMOUR**



JOBSITE LASERS



Leica Rugby 620

- Concrete forming, pad placement and framework levelling; setting foundations and footings has never been more efficient
- Manual slopes up to 8% in single axis



Leica Rugby 640/640G

- Green diode technology in the Rugby 640G provides outstanding visibility for indoor applications
- Fit for any interior and exterior levelling, aligning and squaring application
- Work conveniently with offsets thanks to the Rod Eye receivers digital read-out
- Scan 90 – make layout easier by quickly moving the beam 90 degrees to the left or right side
- Plumb Down – automatic and accurate plumb down direction for alignment over a reference point



Leica Rugby 680

- A great general semi-automatic construction laser with digital grade capability
- Dial-in grade in dual axis, easy and fast at the touch of a button
- The unique Smart Slope function continuously monitors time and temperature changes to ensure accurate performance over the course of the day

JOBSITE LASERS



Spectra LL100N

- Automatic self-leveling
- Accuracy 1/8 inch @ 100 ft (3mm @ 30 m)
- Working range of 1,150 ft (350 m) diameter
- Simple one-button operation for quick start up
- Height of Instrument Alert - unit stops rotating when jarred to avoid erroneous readings
- Single axis manual slope mode (with RC601 Remote Control)
- Kit available and fits in one case with tripod and grade rod



Spectra LL300N

- Increases productivity with fast setups, fewer mechanical parts, and automatic self-leveling
- One person elevation control
- Minimizes power costs, increases reliability with choice of rechargeable or alkaline batteries
- Increases flexibility with remote control slope option
- Complete kits available with system case which contain laser, receiver, tripod and grade rod



Spectra LL500

- High accuracy with temperature compensation
- One person elevation control
- Alkaline or rechargeable batteries
- Self-leveling with built-in shut off
- Includes HL700 Digital Readout Receiver and C70 receiver clamp
- Durable construction



Topcon RL-HV1S/ RL-HV2S

The Topcon RL-SV1S is designed for single slope applications. This cost-effective, easy-to-use laser has a solid set of features. The RL-SV1S is a cost effective solution covering single slope job site needs. The Topcon RL-HV2S is a multi-task laser, meaning you can use it for construction and interior jobs where you need a laser for horizontal, single slope, dual slope or vertical applications. This laser has many features and is very user friendly.



Topcon RL-H5A

The RL-H5A is a next generation self-leveling construction laser with great distance and high accuracy.

- Long-range operation (800 m)
- Smart long-range receiver
- Simple, intuitive manual slope capability
- ±10 Arc second horizontal accuracy
- Extra long battery life (100 hours)
- Tough IP66 weatherproof rating



Spectra GL412N/GL1425C

The GL412N is a single grade laser that also offers long-range operation in addition to its grade capability of -10 to +15 percent. An RC402N full-function remote control offers an easy to use menu-driven interface. The radio remote operates at a range up to 330 ft and provides the ability to make grade changes and start automatic alignments remotely, which can significantly reduce setup time. Dual slope also available - GL1425C.



Spectra GL612N/GL622N

The GL612N Grade Laser provides single grade capability of 25% in addition to being fully self-leveled in vertical for building axis alignment or setting 90 degree. Simple, robust and easy to use with a menu-driven interface that is replicated on the radio remote control makes the GL612N the first choice for any contractor requiring versatile grade capability. Dual slope also available - GL622N.



Spectra UL633N Universal

The Spectra Precision UL633N is Universal and can do multiple applications. It is a flat, rotating laser, single and dual grade laser, vertical alignment and 90-degree set out laser – that's what makes it Universal. Small contractors can do more work on their own and larger contractors do not have to worry about sending the wrong laser or multiple lasers to the jobsite.



PIPE LASERS

Spectra DG813

Benefitting from the latest technology developed by Spectra Precision®, the DG813 delivers unprecedented performance when laying pipes. In addition, the DG813 comes with a smart Spot Finder SF803 which increases even further productivity. The laser can align automatically to the center of the Spot Finder, ideal for first day setup, and can also calculate the grade – great for checking previous work on a second day setup.



Spectra DG613 & DG613G

Designed to fit around tighter inverts, the Spectra Precision® DG613 and DG613G deliver the most productive pipe laying experience in the market. They are extremely rugged and thrive in demanding underground conditions. The beams move quickly and accurately for alignment and grade. Simple to use, with the new menu driven user interface, the DG613(G) helps you improve efficiency and provide unprecedented performance and reliability.



Leica Piper Series

Solid performance in the pipe, over the top or in the manhole. The Leica Piper series helps you to work with confidence having the perfect instrument for your application and need. Built with a rugged aluminium housing, these pipe lasers perform powerfully even in tough jobsite conditions.



Topcon TP-L6 & TP-L6AV

Flexible and convenient, the TP-L6 pipe laser's smaller size, long-life battery and mobile app make the unit one of the most flexible on the market. This pipe laser is easier to use, fits into tighter spaces, and increases convenience and safety for workers.

- Compact design adds flexibility
- Red/Green laser
- Self-leveling
- Bluetooth connection
- -15% to 40% grade setting range
- 60-hour battery
- Optional plumb beam
- Additional Android mobile app, remote control and display



MACHINE RECEIVERS



Topcon LS-B20/LS-B20W

The Topcon LS-B20 Receiver delivers a versatile, low cost solution for grade checking and machine control grade applications. With its integrated magnetic mount and 270° detection range, the LS-B20 can be easily installed on a vast array of machines with 4 different grade zone selections. In addition, the light-weight design allows the LS-B20 to be paired with Holder-6 and mounted on a grade rod to check grade as well.

Topcon LS-B110/LS-B110W

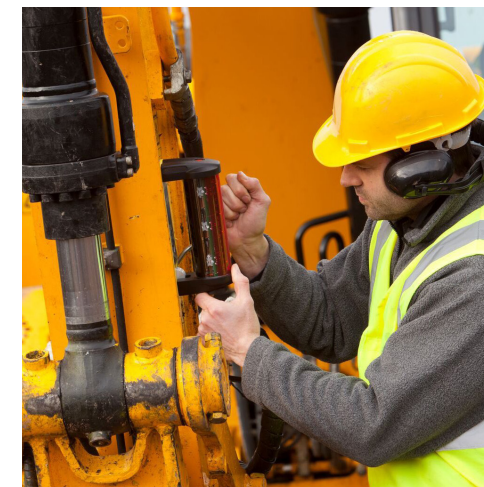
The Topcon LS-B110 Machine Control Laser Receiver is designed for dozers, scrapers, excavators, backhoes, and drag-boxes. This is perfect for measuring ground level and even sloped terrain. Featuring a 360-degree detection angle, it is cost-effective and time-saving. The LS-B110 series includes a plumb and tilt indication for increased accuracy. It comes with a multicolored LED display for easy and hassle-free reading. Also, it includes four detection precision modes and one touch "On Grade" matching. For secure and slip-free attachment on machines, it includes built-in mechanical clamps.



Leica LMR 240

240 DEGREE MACHINE MOUNTED RECEIVER

Ideal for use with backhoes and mini-excavators, this receiver offers the convenience of a machine-mounted display at an economical price. The LMR240 receiver provides accurate grade information for all visual machine control applications, with 240° detection of any rotating laser.



Leica LMR 360

360 DEGREE MACHINE MOUNTED RECEIVER

The LMR 360 offers accurate grade information for all visual machine control applications. Large 360° detection window picks up any rotating laser, from any angle. Built-in vertical indicator monitors angle of the stick, signaling if it's plumb or under- or overextended. Vertical position ensures consistent and accurate grade readings, saving money by reducing over- or under-cutting.



MACHINE RECEIVERS

EXCAVATING RECEIVERS



LR20

Designed specifically for compact machinery, this 8-inch, 360-degree laser receiver provides large working area and range. Built in plumb indicator for fast, accurate grade checking in mini-excavator applications. Super bright grade display with green "on-grade" LEDs provides superior depth/elevation indication.



LR60/LR60W

Built-in plumb indicator for fast, accurate grade checking for graders. Check grade with dipper is extended or retracted with ACE mode. LR60W is used with the wireless remote display. Offset on-grade for productive excavation provides additional above grade information for less undercuts.



GRADING RECEIVERS



LR30/LR30W

Designed to be standalone display receivers on grading equipment including: dozers, scrapers, skid steers, and levelers. Five channels of grade information plus directional out-of-laser beam indicator directs which way to move and get back in the beam. Three selectable accuracies meet job tolerances from rough grading to final finishing for maximum flexibility. Full 360-degree reception picks up the beam from all directions. Adjustable, ultra-bright LED with green on-grade display provides user selectable, easy-to-see display to match ambient lighting conditions. Various power options to meet your requirements. LR30W is used with Spectra Precision® RD20 Wireless Remote Display.



RD20 Wireless Remote Display mounts in the cab and displays grade information to the operator. Helps keep focus on the work and not on the receiver for higher productivity. Works with LR30W, LR50W & LR60W.

EXCAVATING & GRADING RECEIVERS



CR700

Allows operator to check grade from the cab. Reduces rework because material is moved only one time. Increases overall operator and machine efficiency, saving fuel and time. Can easily and quickly be moved from one machine to another.

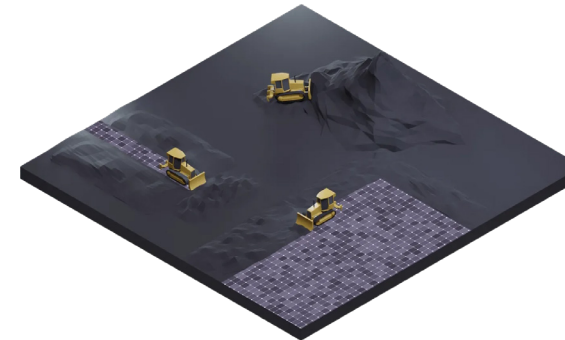


LR50/LR50W

Built-in blade tilt indicator. Wireless compatibility with the wireless remote control. Center on-grade. Offset on-grade. Built-in plumb indicator. Six channels of grade information plus directional out-of-laser beam indicators. Adjustable, ultra-bright LED.

MACHINE CONTROL

UNICONTROL



Unicontrol 3D Dozer Control

Unicontrol automatic grading control for dozers ensures accurate leveling with centimeter accuracy. It's designed for exceptional effectiveness and intelligent, automated blade control that makes your work smarter, regardless of the experience level. Automatic grading control with Unicontrol 3D is your guarantee for less rework!

Unicontrol 3D Excavator Control

We aim to simplify the operator's job and avoid unnecessary re-work and downtime with a system that's easy to use, regardless of skill level. Unicontrol 3D is a user-friendly machine control system with GPS for excavators - at an unbeatable price. Compatible with all excavators - from nimble mini-excavators to mighty long-reaches, crawlers, and wheeled excavators.



Leica iCON MCP80

Control screen/computer for all guidance systems. The MCP80 control panel is the control computer for all Leica Geosystems' guidance software. It works just as well on an excavator, bulldozer, grader, paver, or snow tractor (trail groomer). With an 8-inch backlit touch screen visible in all-natural light conditions, the design and ruggedness (IP67) of this computer allows for its use inside or outside of the cabin, and this, in all temperatures, such as on a drill for example.

Leica iCON iXE3

3D excavator guidance solution. Thanks to the series MSS400 sensors, the Leica iCON iXE3 offers an efficient solution to your most demanding excavation projects whether they require work in an urban setting surrounded by high-rise buildings, deep excavation, or even underwater projects. On the whole, the Leica iCON iXE3 offers you options and is entirely designed to give you a full return on your investment, and this, faster than ever before. Also, with the GNSS (iCG80) analysis box inside the cab, the system is less costly in terms of maintenance and repairs.



MACHINE CONTROL



iDig

With the iDig system you can manage distances, depths and desired slopes. The combination of advanced technologies is unique in the world: no cables, radio communication, simplified installation and solar charging. The user interface has been designed with excavator operators and can be appreciated by all. The bargraph and LED display guides you in the same field of vision as your bucket and makes the iDig an ideal daily tool for you.

Do you have several excavators? iDig has a removable solution that attaches in seconds from one machine to another. The iDig can save as many excavator and bucket profiles as you want.



Level Best

Level Best is now the leading brand of laser grading equipment and systems in the construction, excavation and site preparation industries, and is specified wherever grading accuracy, speed, high production and reliability are essential. Level Best laser grading systems let you create a finish grade accurate to within 1/10th of an inch. There is no laser grading equipment more accurate than Level Best.

Level Best laser grading boxes are the first choice of contractors and crews who need grade accuracy, smooth operation, machine durability, and simplicity of operation. Throughout North America Level Best products are the recognized leader in product design and technical support in high precision laser grading attachments. Level Best means fine grade made easy!

GAS MONITORS



RKI GX Force

The GX-Force is RKI's smallest personal 1-4 gas monitor with a strong internal sample pump capable of a 100' sampling range. Weighing only 9.8 ounces, the GX-Force can monitor the standard confined space gases (LEL combustibles, Oxygen, Carbon Monoxide, and Hydrogen Sulfide). Utilizing the same micro-sensor technology, which are compatible with the GX-3R, GX-3R Pro, 04 Series, and Gaswatch 3 instruments.

RKI GX-2012

With the GX-2012, you have multiple tools in one instrument. Having 3 operating modes, the GX-2012 can be used for confined space, safety monitoring in its Normal Operating mode; for leak investigation in Leak Check mode; and for underground leak checking in Bar Hole mode.



RKI GX-3R

The GX-3R is the worlds smallest 4 gas monitor weighing only 3.52 ounces and can comfortably be clipped within a worker's breathing zone. It simultaneously monitors and displays LEL combustibles, O₂, CO, and H₂S. The GX-3R represents the latest evolution of gas detection technology utilizing a new generation of micro sensors.

RKI GX-3R Pro

The GX-3R Pro is the smallest 5-gas monitor weighing only 4.58 ounces. In addition to monitoring standard confined space gases, LEL, O₂, CO, & H₂S, the GX-3R Pro has a 5th channel for adding infrared or toxic gas sensors. It comes equipped with Bluetooth® wireless communication, man-down alarm, alkaline or rechargeable power supply, and a 3 year warranty. The Lithium-ion battery pack lasts 25 hours and will fully charge in 3 hours.



RKI 04 SERIES

The 04 Series single gas monitor is designed to operate for many years with field replaceable sensors and filters. The 04 Series can be operated continuously for up to 9,000 hours on (2) AAA size alkaline batteries (depending on model). The 04 Series has 3 preset alarms that are user adjustable. Each version is also equipped with visual, audible, and vibration alarms as standard. The replacement sensors are inexpensive, easily field replaceable, and are interchangeable with other popular RKI instruments like the GX-3R, GX-3R Pro, and GasWatch 3. Sensors have a life expectancy of over 3 years and are backed by a 3 year warranty.*

WE ALSO OFFER CALIBRATION FOR YOUR GAS MONITORS!

SUBSURFACE DETECTION



Insight Vision Opticam

Opticam - a rugged, affordable sewer push camera solution with a user-friendly keypad and easy one-touch recording to a USB drive. Easily record inspection data and client information using the on-screen text writer and footage counter. A built-in microphone and speaker allows you to record your voice to videos and then play the video back on the 10.4 inch LCD monitor.



Leica DSX

For utility repair and maintenance, civil engineering and surveying companies, the Leica DSX utility detection solution, consisting of a portable hardware with intuitive software allows to easily locate, visualise and map utilities. Unlike any other ground penetrating radar (GPR) system, the Leica DSX maximizes productivity with cutting-edge software that automates data analysis and creates a 3D utility map on the field.



US Radar Q10

The Q10 is a high-resolution 1000MHz GPR cart system for bridge deck scanning and other high-resolution/shallow penetration depth applications. Its rugged, durable design makes it perfect for a wide range of different terrains and soil conditions along with its easy-to-use interface. With minor training, anyone can become an expert user.

SCHONSTEDT



Schonstedt Maggie

The Maggie combines the best features of two flagship Schonstedt products: the sensitivity and precision of the GA-52Cx, and the single-handed operation of the GA-92XT.



Schonstedt GA-52Cx

The GA-52Cx Locator detects the magnetic field of iron and steel objects, with unmatched sensitivity. Designed for one-hand operations, the On/Off-Sensitivity and Volume controls are located on the underside of the cover.



Schonstedt GA-72Cd

The GA-72Cd Locator detects the magnetic field of iron and steel objects. It provides audio detection signals that peak in frequency when the locator's tip is held directly over the target. The GA-72Cd has the option of nulling or peaking.



Schonstedt GA-92XTD

With one hand, you can detect the magnetic fields of all ferromagnetic objects, property markers, manholes, septic tanks, well casings, valve boxes, cast iron pipes, steel drums, and unexploded ordnances up to 16 ft below the surface.



Schonstedt REX

Rex is recommended for locating all types of underground utilities: water and sewer, electric, telecom, and gas. Its thin and sleek profile combines with a retractable receiver to make Rex the most user-friendly and portable pipe and cable locator on the market.



Schonstedt u-LOCATE

Damaging buried utilities can be costly and dangerous. u-LOCATE allows you to quickly and accurately locate underground utilities, helping prevent costly damages, utility strikes, and service outages.



Schonstedt Spot

Magnetic Locators, including Spot, detect the magnetic field of iron and steel objects. With engineering and accuracy equal to the GA-52Cx, in a sleek, ultralight-weight package with improved ergonomics, Spot is IP54 rated and comes with a 7-year warranty!



ChrisNik Hounddog

The ChrisNik HoundDog Magnetic Locator is built with new hi-tech Fence Ignoring Technology (FIT). The HoundDog can sniff out those hard to find survey markers under fences and around metal buildings.

DRONES



Autel Evo II Pro V3 RTK

The Autel EVO II Pro V3 RTK drone is an advanced, proven aerial platform used for high accuracy image collection in various commercial applications. The aircraft can record the original satellite observation data, camera exposure parameters and more. The positioning system supports an RTK base station and NTRIP RTK network, which help to achieve accurate and stable data acquisition in complex operation environments.



Carlson CAP50

The Carlson Aerial Platform (CAP) 50 is an American made UAS platform offering up to 6 lbs payload capacity for advanced users in the surveying, construction, engineering, mining, quarry, land development, and related industries. Available with LiDAR, photographic, or depth sounder payloads, the CAP50 provides versatile options for numerous applications.



Carlson CRD1

The Carlson CRD1 is a U.S. made, sUAS platform with LiDAR, Photogrammetry, Bathymetry with available payload capacity up to 20 lbs. The CRD1 is specifically designed for advanced users in land surveying, construction, engineering, utilities, mining, agriculture, and public safety sectors.



DJI Mavic Series

DJI's Mavic Series of drones range from the high-end Mavic 3 with a 28x super zooming HD camera and 46 minutes of flight time to the lower end Mini 2 that only weighs half a pound, fits in the palm of your hand and can fly for 31 minutes.



DJI Phantom Series

The DJI Phantom Series is DJI's original and flagship drone line-up. The V2.0 version of the Phantom 4 Pro moves to DJI's OcuSync transmission technology for up to a 4.3 mile transmission range. The P4 Pro features a 1-inch 20MP camera sensor with a mechanical shutter and is capable of shooting up to 4K video.



DJI Matrice Series

The DJI Matrice series is the drone of choice for mapping, inspection, and surveying. This enterprise level drone series allows for a wide array of options and configurations in regards to gimbals, cameras, durability, flight characteristics, and precision. Upward gimbals, two or more downward gimbals, compatible with cameras of all kinds, and many more customization options make the Matrice drones a top choice for industrial applications of all kinds.

DRONE ACCESSORIES



Mavic 3 Propeller Guard

Mavic 3 Pro propeller protector adopts a fortress-like design to enhance toughness, protect the drone in all directions, avoid collision and damage to the props, and ensure flight safety.



Mavic 3 Intelligent Batteries

46 mins of max flight time with DJI Mavic 3, 43 mins of max flight time with DJI Mavic 3 Pro, allowing you to explore more of your surroundings and fly with greater peace of mind.



Phantom 4 RTK Intelligent Batteries

30-minute flight time. Built-in 4 LED indicators can display battery usage and change the risk of flying with low battery. The battery has intelligent self-discharge, overcharge, and discharge protection functions, which can prevent the battery from overheating, overcharging or short-circuiting.



Matrice Series Intelligent Batteries

The intelligent flight battery adapts high-energy cells and an advanced battery management system to provide sufficient power for the drones. The intelligent battery must be charged with the dedicated charger from DJI.

SCANNERS



Carlson Scan2K

With an integrated high-resolution camera, inclinometers, a compass, a L1 GNSS receiver, and weather-proof housing, the Scan2K can be deployed in many environments and orientations. Whether on a tripod, vehicle, or moving platform, the outstanding performance of the Scan2K makes it the most versatile terrestrial laser scanner on the market. Beyond its impressive 750 or 2,000 meter range, the Scan2K/Scan750 has the capability to record over 500,000 points per second, all within the chosen scanning target window. Additionally, each laser pulse from the Scan2K records up to four returns, providing the capability to record the first return for a blocking object (such as a leaf) as well as the last return for an object behind it (such as a wall), and the versatility to exclude one or the other.



Leica BLK360

The all-new Leica BLK360 breaks open the possibilities of reality capture. With unprecedented, best-in-class scanning speed, the BLK360 makes YOU faster. A supercharged next-gen imaging laser scanner, the BLK360 captures a full scan with spherical images in only twenty seconds—over five times faster than the BLK360 G1. With fast and agile in-field workflows, along with live feedback on your mobile device, you can be absolutely sure you've captured everything you need, and even more. And VIS technology automatically combines your scans to speed up your workflow and help you make sure your datasets are complete. BLK360 data is highly valuable for so many uses—from AEC to VFX and VR—and you can easily transfer and work with it in your software ecosystem to create immersive and highly accurate deliverables and experiences.



TRANSITS & THEODOLITES



Spectra DET-2

The Spectra Precision DET-2 Construction Theodolite is a rugged, cost-effective theodolite designed to give accurate angle measurements (2" angle accuracy) in general construction applications.



SitePro DT8-05LS

The DT8-05LS has a laser beam built into aperture for easy and accurate alignment. Simple, push button functions gives the user precise LCD digital readouts.



SitePro TL20X

The TL20X transit level is ideal for fast set-up, simple to use for leveling and vertical applications.

David White



David White LT8-300P

Rugged and dependable, this David White LT8-300P five-minute instrument is the first choice for almost every horizontal and vertical sighting application in construction. The level transit is lined up over a reference point by using an **optical** plummet, assuring you of precise positioning every time.

David White



David White LT8-300LP

Rugged and dependable, this David White LT8-300LP five-minute instrument is the first choice for almost every horizontal and vertical sighting application in construction. The level transit is lined up over a reference point by using a **laser** plummet, assuring you of precise positioning every time.

David White



David White LT8-300LTU

The 360° telescope rotation allows you to see directly below the instrument for pipe laying applications. Ruggedness and dependability make these five minute instruments the first choice for practically every horizontal and vertical sighting application in construction.

TOTAL STATIONS



SOKKIA iX Series

The iX Series robotic total stations are a trimmed down, high-performance solution. You get the efficiency of a single-operator robotic system, the power of long range reflector-less measurements and performance as a hybrid positioning solution.



SOKKIA iM Series

The iM-50 Series is the perfect entry-level site layout and survey tool offering reliability and flexibility without sacrificing cost or functionality. The sleek design is built tough, with a water and dustproof IP66 rating, integrated Bluetooth capability and an internal antenna, enabling you to deliver measurements cable-free to your data controller, streamlining your equipment weight and workflow.



Leica iCON iCR80

The Leica iCON iCR80 construction total station keeps its 'eye' on only one thing: the user's target. Layout more points per day thanks to ATRplus, the most robust automated-aiming, lock and re-lock technology in the market. The iCR80 is especially useful in congested sites with many distractions, such as reflections, machines and people moving around. Challenging and changing site conditions should not be an obstacle.



Leica AP20 AutoPole

The AP20 AutoPole is the groundbreaking smart pole attachment for Leica's robotic total stations enabling faster and more reliable layout, as-builts and other measurement tasks with its unique target search and identification, automatic pole height readings and pole tilt compensation.



Topcon LN-150

The LN-150 takes you from paper plans and tape measures into digital layout and construction verification workflows. This tool is easy to learn and easy to use, letting you automate and execute layout and construction verification processes for increased productivity, accuracy, and bottom-line savings. The layout navigator automatically locks onto the prism for real-time positioning on the go.



Carlson CRx

The Carlson CRx series robotic total stations are quick to set up, and are packed with easy-to-use functions that simplify your surveying workflows and provide powerful tools to make you more efficient and accurate. With 5" touch screen, a more powerful processor, automatic data back-up, and the advanced positioning technology of STRAM360, Carlson's super-reliable CRx robotic total stations provide the most efficient way to survey.



Nikon N & K Series

The Nikon N and K total stations offer an advanced EDM in an innovative package. Each includes a new charger featuring a USB-C on-the-go connection letting you recharge via a power bank or car plug. The Total Station File Transfer app and Bluetooth® connection let you easily transfer data between the field and office, so your data makes it to the office before you do. Both include bright Nikon optics and rugged reliability, making each of these powerful total stations the right choice for a full range of projects.



Spectra Focus 50

The Spectra Geospatial FOCUS 50 is a high-performance robotic total station you can customize to fit your needs. Available in three models, with your choice of angular accuracy – 1", 2", 3" or 5". The FOCUS 50 features the smoothness of MagDrive™, the stability of SurePoint™ and the productivity of Autolock™. It is designed to be easy to learn, and pairs perfectly with the suite of Spectra Geospatial Field Software options, including Origin, Layout Pro, and Survey Pro.

DATA COLLECTORS

SPECTRA®
GEOSPATIAL



Spectra Ranger 7

The Ranger 7 continues the legacy of the Ranger data collector by focusing on what is important. With its rugged and sunlight readable 7-inch touch screen, full keypad, and Windows 10 Pro operating system, it is built to hit the mark for surveyors requiring an easy-to-use, rugged, cost-effective data collector.

SPECTRA®
GEOSPATIAL



Spectra Ranger 5

The Ranger 5 is an Android-based survey field data collector built to handle a full range of projects. Its 5-inch screen and full keyboard enable surveyors to work efficiently, even while wearing gloves. Its lightweight but rugged construction and outstanding battery life make it reliable and easy to use, even in tough field conditions.

SPECTRA®
GEOSPATIAL



Spectra ST100

With a fully featured Windows® 10 platform, exceptional processing power, long battery life, 512 GB solid state drive and 16 GB SDRAM memory, you can work quickly and efficiently, without stopping for a recharge. And when the day is done, send your work to the office via 4G LTE, Wi-Fi or Bluetooth® connection.

Carlson
BREAK NEW GROUND



Carlson RTK5 Tablet

The Carlson RTK5 adds an advanced GNSS solution to the RT5, allowing new levels of freedom and accuracy in a compact, light, versatile package. It comes with a custom-built pole and cradle, a survey-grade antenna, a small portable helix antenna for handheld GNSS use, and provides an all-in-one solution for land surveyors, engineers, GIS professionals, and anyone else in need of advanced GNSS positioning with an RTK rover.

Carlson
BREAK NEW GROUND



Carlson RT5 Tablet

The Carlson RT5 Rugged Tablet features the integration of a brilliant 8" capacitive touch screen and high performance yet energy-efficient Intel processor within a slim, lightweight, and durable package. With built-in Wi-Fi as well as optional data capture modules, this robust tablet offers seamless information capture and transmission for improved workflow, providing reliable operation in harsh, mission critical environments.



Carlson RT4+ Tablet

The Carlson RT4+ is designed for surveying, stakeout, construction layout, and GIS mapping and is bundled with Carlson SurvPC – the Windows-based data collection program. The RT4+ can also be used in the office with any Carlson office software. With Windows 11, 16GB of RAM and 256 GB of storage, you'll have the power to collect and analyze your data faster and more efficiently than ever before.

Leica
Geosystems



Leica iCON CC200

The rugged 10" Leica iCON CC200 field controller delivers longer operating times and better usability than other solutions, thanks to its single 12-hour battery and large screen. The iCON CC200 is made to smoothly handle use cases requiring large amounts of data. Used in combination with the Leica iCON site or Leica iCON build construction field software, it is the ideal solution for all on-site positioning and measuring tasks, including on-machine applications.

GPS UNITS



Leica ICG70 T

Speed up – anytime, anywhere with the iCON gps 70 Smart Antenna. Combining the latest GNSS technology and inertial measurement unit (IMU), the Leica iCON gps 70T is equipped with permanent tilt compensation and is resistant to any magnetic interferences. Being calibration-free, the iCON gps 70T is ready when you are – anytime, anywhere. The iCON gps 70 T releases the limitations of working with the pole in vertical positions and increases productivity compared to conventional methods. Furthermore, the efficiency on a construction site is enhanced by collecting as-built field data and staking out designs faster, while increasing accuracy and reducing errors. Without time-consuming procedures, users measure where it was not possible before with improved quality control. The seamless integration of the Leica iCON gps 70 Series into the Leica iCON field software leads to simple workflows requiring less training and avoiding costly downtime.



Carlson BRx7

The BRx7 is Carlson's all-new multi-GNSS, multifrequency smart antenna. The BRx7 provides robust performance and high precision in a compact, rugged package with tilt compensation ability. With multiple wireless communication ports and an open GNSS interface, the BRx7 can be used in a variety of operating modes. Use the BRx7 as a precise network rover to work with your GNSS VRS network, or set up your BRx7 as an easy-to-use base-rover package with industry-leading performance via the internal long range and spread-spectrum radio or cellular communication via Carlson's Listen-Listen, a unique cloud-based low latency service that eliminates baseline length restrictions of UHF radios. With only an Internet connection, you can enjoy a simple, easy-to-use base-rover solution that can also support a single base with multiple simultaneous rover connections.

SPECTRA
GEOSPATIAL



Spectra SP85

The Spectra Geospatial SP85 is a next generation GNSS receiver that combines decades of GNSS RTK technology with revolutionary new GNSS processing. Featuring the new 600-channel "7G" chipset combined with the patented Z-Blade™ technology, the SP85 system is optimized for tracking and processing signals from all GNSS constellations in challenging environments.

SPECTRA
GEOSPATIAL



Spectra SP60

The SP60 is a new generation GNSS receiver offering a high level of flexibility to cover any demand from GIS all the way up to sophisticated RTK and Trimble RTX™ capable solutions. Combining the unique all-signals tracking and processing Z-Blade GNSS-centric technology and L-band capability for satellite-delivered Trimble RTX correction services, the SP60 receiver provides the most reliable measurements and the highest possible accuracy under any conditions anywhere in the world.

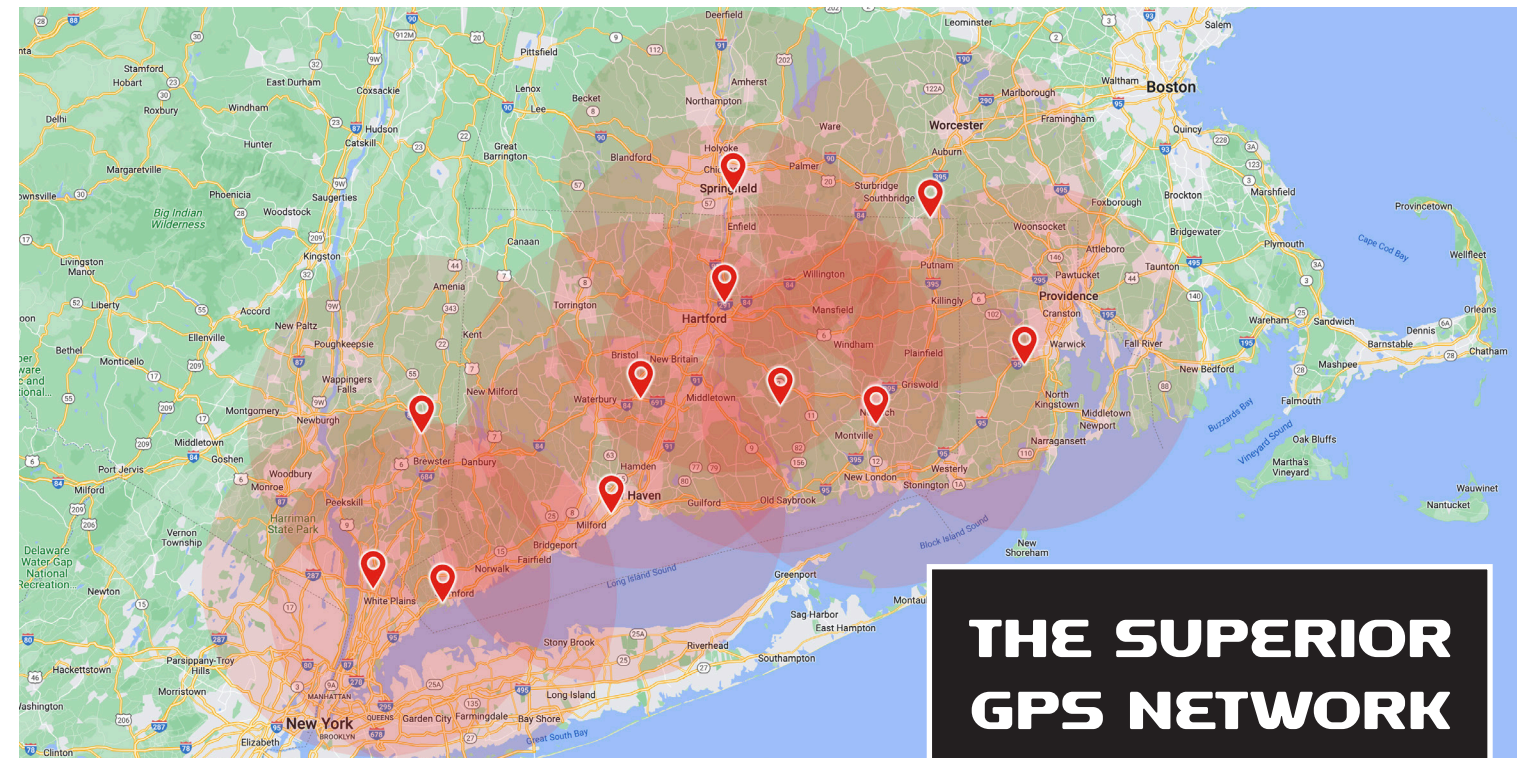
SPECTRA
GEOSPATIAL



Spectra SP30

The Spectra Geospatial SP30 is the highly accurate handheld receiver that delivers unparalleled convenience and cost-efficient high performance. Powerful, easy-to-use with Android™ 10 OS, support for RTX L-band, and RTK accuracy, it is like no other handheld. And it features an array of upgrades compared to previous product versions, including a faster processor, more RAM and data storage, an improved camera, a brighter, six-inch, all-weather display, and a bigger battery.

GPS NETWORK



**THE SUPERIOR
GPS NETWORK
WILL CHANGE
THE WAY
YOU THINK
ABOUT GPS**

Since 1988, Superior Instrument has been providing Surveyors and Contractors with the best products and service in the industry. In 2008, we marked a milestone in our history with the completion of our Superior GPS Network Foundation!

Today, Superior Instrument is still leading the way again by providing our customers with new industry leading technologies.

INTRODUCING the NEW SUPERIOR GNSS NETWORK!

Our new Superior GNSS Network is built with the latest technology to take full advantage of the latest constellations for an ALL IN VIEW solution. GPS manufacturers have been hard at work incorporating the latest constellations in their receivers and you expect the same of your Network. The advantage is clear: more satellites + more signals + more SV baselines in the solution = MORE PRODUCTIVE USE OF YOUR INVESTMENT!

VRS • SINGLE BASELINE | DGPS • GPS • GLONASS • GALILEO • BEIDOU

Benefits of the SUPERIOR GPS NETWORK:

- Single controlling provider
- Experienced, knowledgeable staff responsible for maintenance, calibration and reporting of the system status
- All brands of network compatible GPS receivers are welcome to join the Superior GNSS Network
- Single source for tech support
- Local company with long standing reputation of support
- Friendly, familiar staff interested in your success
- Discounts for multiple rovers, special discounts for our GPS customers
- Compatible with most brands and models of GPS equipment
- RTK Drone Compatible

Network GPS Systems Benefits:

- Eliminates the need for a site-specific base station
- Reduces your equipment inventory
- Eliminates chance of theft or damage of existing base
- Lower equipment and equipment maintenance costs
- Single, fixed point of reference
- Reduces your setup time, day after day
- Split your 2 receiver RTK system into 2 network rovers
- Better utilization of existing equipment
- Eliminates the labor cost watching the base
- Offers a unified coordinate system
- Greater mobility and
- Faster deployment

SOFTWARE



Carlson Scan 3D

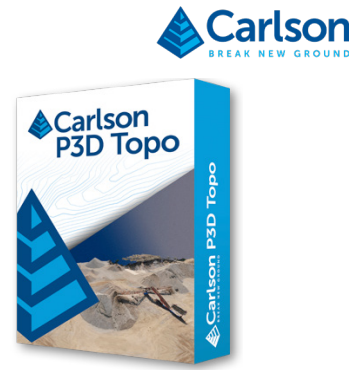
Utilizing an Intel® RealSense stereo camera on Carlson's RT5 or RTk5 rugged tablets, Scan3D adds a new tool to the truck for surveyors, engineers, construction professionals, accident reconstruction specialists, and anyone else needing instant, mobile 3D scanning of rooms, spaces, equipment, and much more. Relying solely on local processing, no cloud processing or internet connection is required to scan.



Carlson PhotoCapture

Aerial surveying is rapidly becoming a vital part of any surveyor's toolkit. Thousands of people use drone site flyovers every day to help boost efficiency and lower costs. With Carlson Photo Capture processing, you can use flyover data to:

- Quickly generate interactive 3D maps of sites
- Capture highly accurate 3D site data from any camera
- Share site maps with customers -anywhere, anytime
- Save man-hours in the field



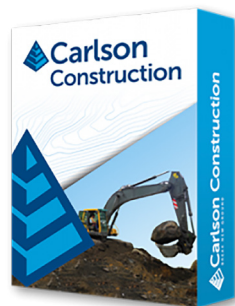
Carlson P3D Topo

Bridge the gap between drones and CAD. Designed for use by surveyors, civil engineers, and contractors, Precision 3D Topo allows users to import survey data, points, polylines, surfaces, point clouds, both traditional LIDAR and aerial drone survey data, and more from a wide variety of programs and entities to create usable 3D surfaces.



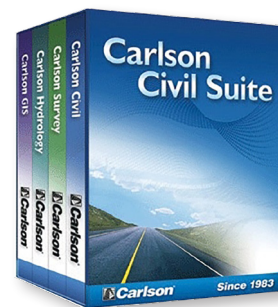
Carlson Point Cloud

Carlson Point Cloud is a modular program that provides this powerful ability to go from field scan to finished plat, all with seamless integration to Carlson Survey, Carlson Civil and Carlson Mining. Carlson Point Cloud delivers a whole new level of powerful automation for large data sets. It gives laser scanner users the ability to process millions of data points with Carlson Software ease-of-use.



Carlson Construction

Carlson Construction is an integrated cut/fill takeoff and 3D surface modeling software solution designed for site and road construction. It offers powerful inspection and 3D viewing tools for elevating 2D designs to 3D model files. Previously only in Takeoff and Civil, Material Quantities Reports are now available in Construction. This gives estimators the volume, area, length and/or count for items such as asphalt, gravel, curb, or any "subgrade" or "select fill" they define.



Carlson Civil Suite

The Carlson Civil Suite is the civil engineering design software that puts you in the passing lane! What might take days with other civil engineering software takes just hours, or even minutes, with the powerful and intuitive Carlson Civil. Work with Carlson Civil on AutoCAD (versions 2010 to current) or with the built-in IntelliCAD 8.1. You'll get true 3D, easy-to-use 3D, plus, with the updated 3D Flyover, any surface edits made in CAD are automatically updated in the 3D view.



Spectra Geospatial Origin

Spectra Geospatial Origin field software is the new, modern software professional surveyors need to handle a full range of projects quickly and efficiently. Intuitive and reliable, Origin offers an extensive range of features, including one-tap easy-to-use feature coding, powerful COGO computing, map layer manager, and map-centric workflows for measuring and stakeout. Spectra Geospatial Origin supports the Windows and Android operating systems. Connect Origin to GNSS receivers or robotic or mechanical instruments, or maximize the advantages of both GNSS and conventional in an integrated survey. Rely on it to meet your needs today and future-proof your business with the leading-edge design and technology you'll want tomorrow.



SERVICE & REPAIRS



✓ **Repair** ✓ **Calibration** ✓ **Cleaning**

Superior Instrument is Connecticut's only complete sales and in-house service source for construction lasers, machine control and surveying instruments. Unparalleled local support is what we strive for. An investment in technology, without adequate support, is a bad investment. Invest with Superior Instrument and our over 30 years in business. We'll be here when you need us!

With Over 36 Years Experience, Superior Instrument Has the Only Repair Facility in Connecticut That Services Most Brands of Instruments



- In-House Repair Center, Huge Parts Inventory
- Factory Trained Technicians
- Factory Service Tooling for Calibration to Factory Specs
- Superior Zero Down-Time Program – Reduced Rental Cost for Replacement Instrument While Yours is in for Repair
- Training and Consulting Services Available

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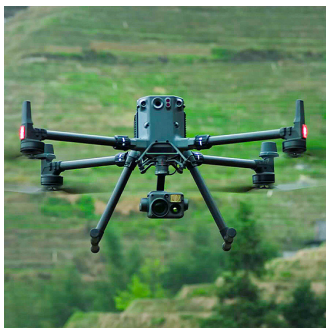
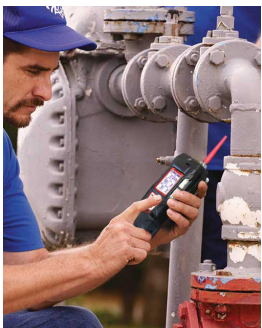
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